

ABSTRACT

An auxiliary guiding device for the blind includes a guiding brick, a reader, text-to-speech (TTS) component and a power supply unit. The guiding brick is embedded with an electronic tag including a memory chip with a connected first antenna. The reader has a radio frequency transceiver module, a second antenna and a microprocessor, wherein the radio frequency transceiver module emits the energy of a radio wave to the electronic tag through the second antenna for driving the electronic tag to transmit the guidance information from the radio frequency transceiver module and then the microprocessor converts the guiding information to digital data. The TTS component has an input terminal of digital data for converting the digital data transmitted by the microprocessor to analog signals, such that the analog signals drive a voice synthesizer and the input digital data are broadcasted by means of speech.